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(54) Title: MULTIPLEXED NUCLEIC ACID ANALYSIS WITH HIGH SPECIFICITY

(57) Abstract: A test kit and method includes amplification and extension primers that are selected to allow multiplex PCR and extension at increased specificity. Preferably, the extension primers include a tag that hybridizes with a capture probe on a biochip, wherein the tag is distinct from the target nucleic acid sequence to be analyzed. Further preferred kits include a biochip and various instructions.

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